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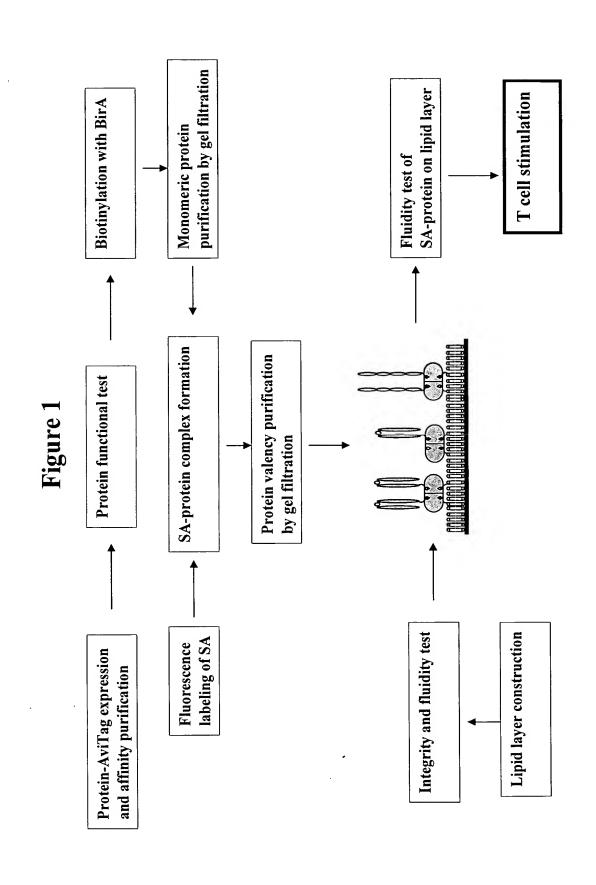
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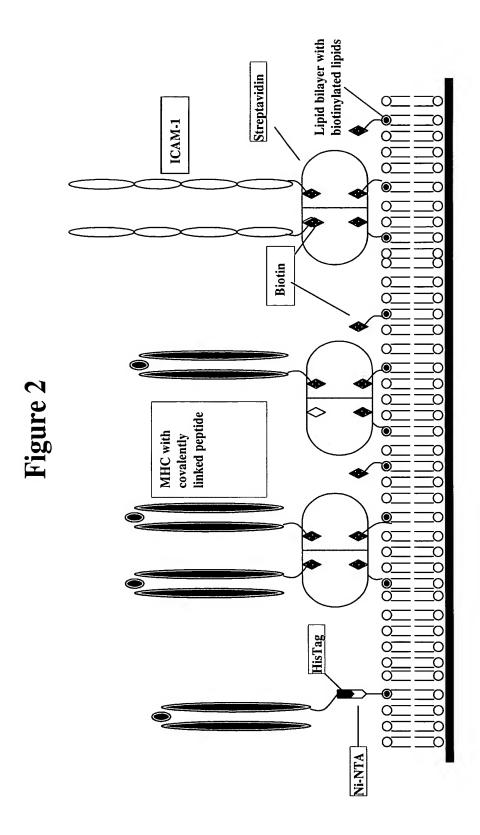


Figure 3

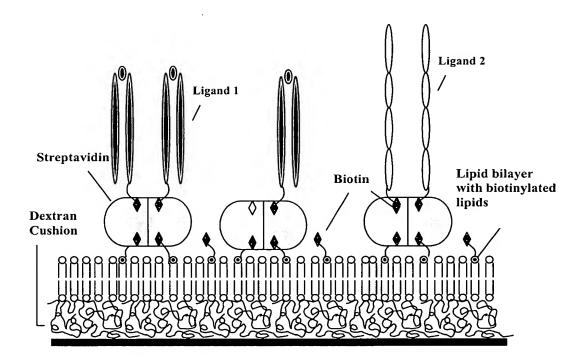


Figure 4

Multimerization

models

induced proximity

Conformational change models

coreceptor

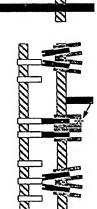
Other models

conformational change within single TCR/CD3 complex

heterodimerization

rearrangement of dimeric TCR/CD3 complex

induced raft association



membrane tyrosine phosphatase

src family tyrosine kinase

] мнс Бер-

complex

coreceptor

* Phospho-tyrosine

kinetic-segregation

From van der Merwe, Immunity, 2001, 14:665

lpid raft

WITHIN membrane

Figure 5

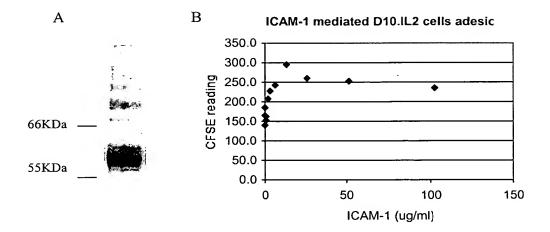


Figure 6

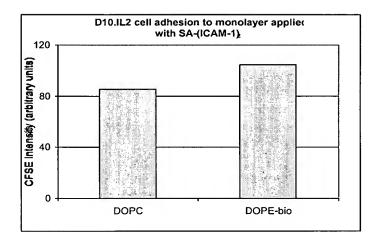
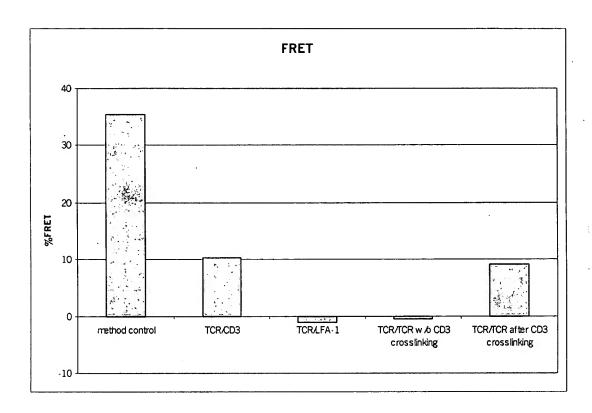
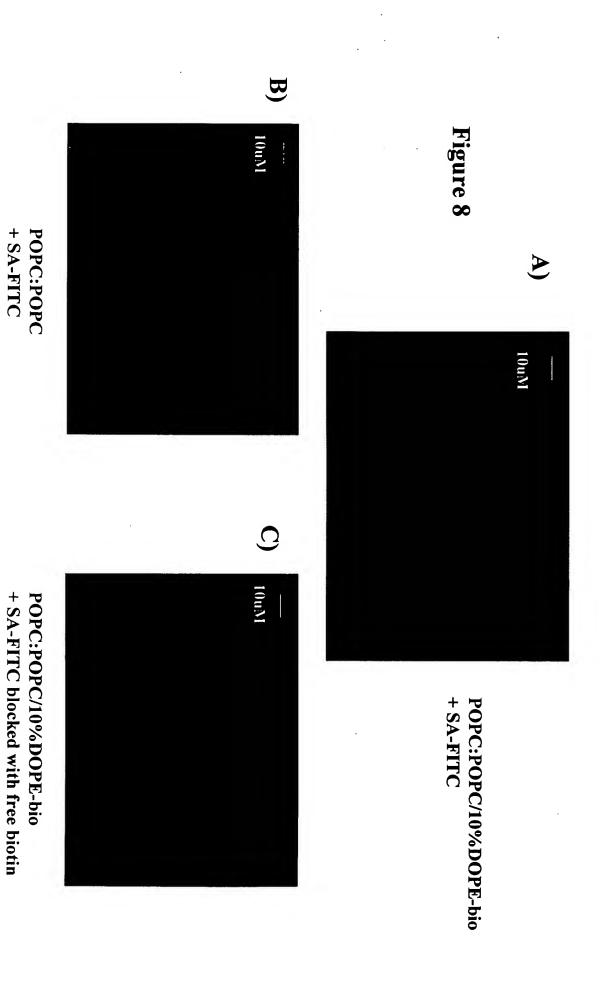


Figure 7 FRET between TCR, Uncrosslinked \mathbf{A} After Cy5 photobleaching
 Before Cy5 photobleaching 300 FRET between TCR after CD3 crosslinking with capping В - After Cy5 photobleaching - Before Cy5 photobleaching Cy3 intensity (arbitrary unit) 91 101 111 121 131 141 FRET between CD3 and TCR \mathbf{C} After photobleaching Cy5
 Before photobleaching Cy5 800 Cy3 intensity (arbitrary unit) 700 600 500 400 300 200 100 D FRET between CD3 and LFA-1 Before photobleaching Cy5 Intensity (arbitrary unit)
8 8 8 8 8 8 ž 200

 \mathbf{E}





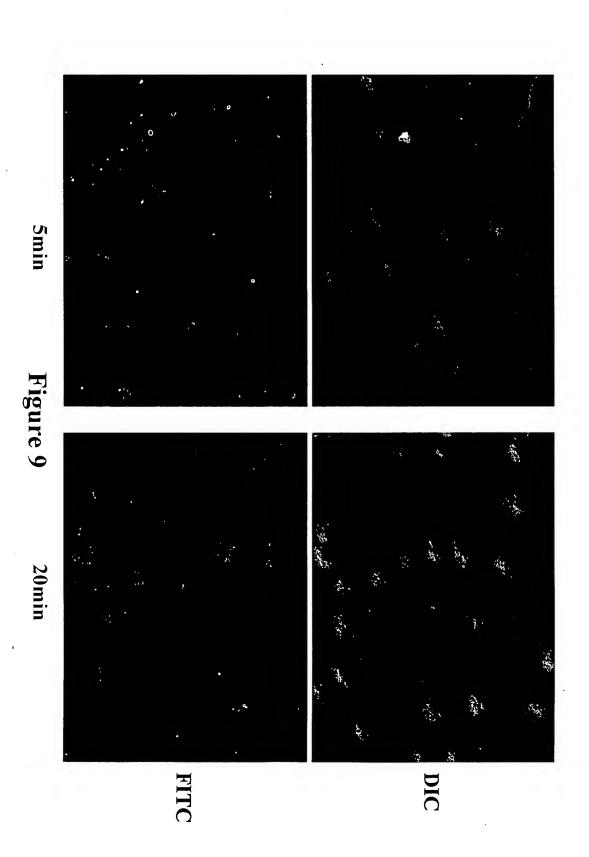
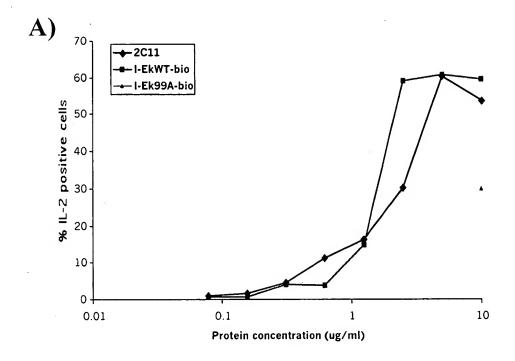


Figure 10



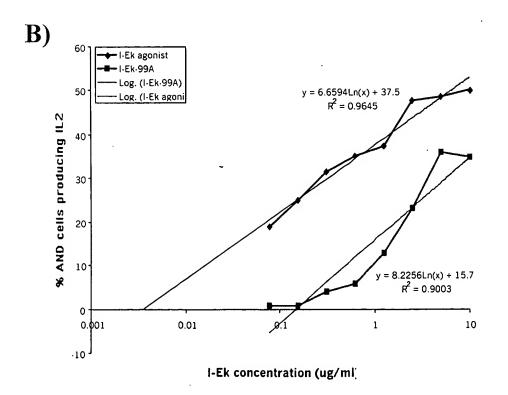


Figure 11

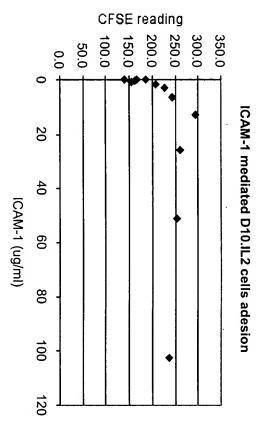


Figure 12

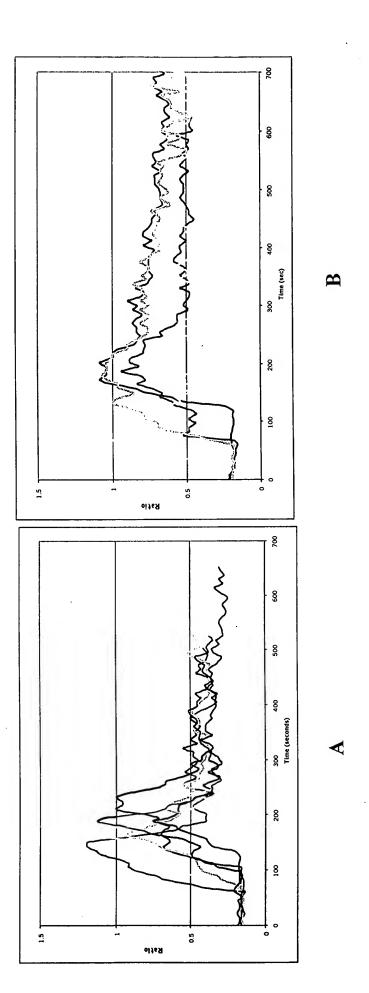
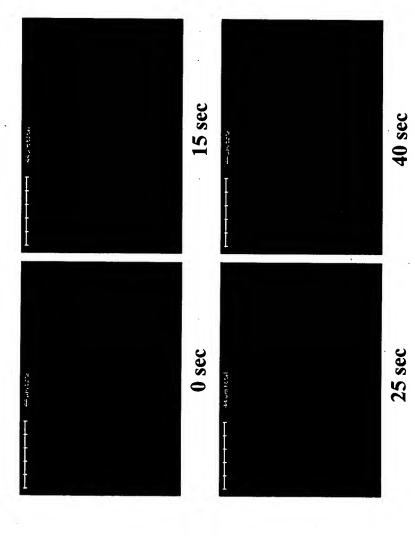
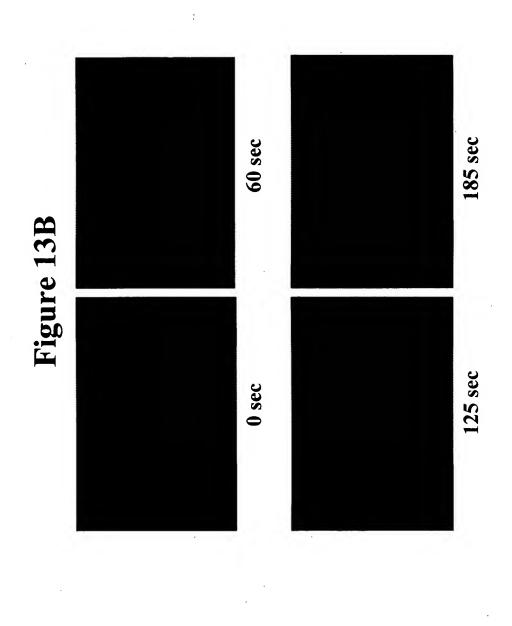
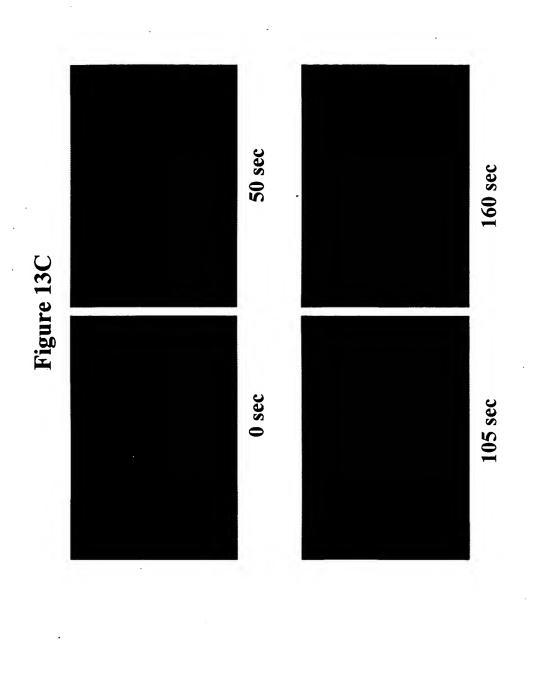


Figure 13A







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